

Source Property Information

CLOSURE DATE: 11/12/2013

BRRTS #: 03-53-002060

ACTIVITY NAME: ROBINSON PROPERTY

FID #: NA

PROPERTY ADDRESS: 510 N GROVE ST

DATCP #: NA

MUNICIPALITY: RICHLAND CENTER

PECFA#: 53581130910

PARCEL ID #: 52276-1744-2120

*WTM COORDINATES:

WTM COORDINATES REPRESENT:

X: 488032 Y: 318589

☒ Approximate Center Of Contaminant Source

** Coordinates are in
WTM83, NAD83 (1991)*

☐ Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

☐ Groundwater Contamination > ES (236)

☒ Soil Contamination > *RCL or **SSRCL (232)

☐ Contamination in ROW

☐ Contamination in ROW

☐ Off-Source Contamination

☐ Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

Site Specific Obligations:

☐ Soil: maintain industrial zoning (220)

☐ Cover or Barrier (222)

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

☐ Direct Contact

☐ Structural Impediment (224)

☐ Soil to GW Pathway

☐ Site Specific Condition (228)

☐ Vapor Mitigation (226)

☐ Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

☐ Yes ☐ No ☒ N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Mark Aquino, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

November 12, 2013

Edward & Colleen Pulvermacher
510 N Grove Street
Richland Center, WI 53581

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure
Robinson Property (former) 510 N Grove Street, Richland Center, WI
DNR BRRTS Activity #: 03-53-002060

Dear Mr. & Mrs. Pulvermacher:

The Department of Natural Resources (DNR) considers Robinson Property closed. No further investigation or remediation is required at this time. Provide this letter to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wis. Adm. Code. The South Central Regional Closure Committee reviewed the request for closure on November 11, 2013. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

The former underground storage tank for heating oil, removed in 1993, was investigated to the extent practical.

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Woody Myers at the address above, by calling (608) 273-5613.

Sincerely,

Woody Myers
Team Leader
Remediation & Redevelopment Program

cc: Jason Powell, METCO

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided. Any section of the form not relevant to the case closure request must be fully filled out or explained on a separate page and attached to the relevant section of this form. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.).

Site Information

BRRTS No. 03-53-002060	Parcel ID No. 52276-1744-2120		
BRRTS Activity (Site) Name Robinson Property	WTM Coordinates X 488033 Y 318591		
Street Address 510 N. Grove Street	City Richland Center	State WI	ZIP Code 53581
Responsible Party (RP) Name Edward & Colleen Pulvermacher			
Company Name			
Street Address 510 N. Grove Street	City Richland Center	State WI	ZIP Code 53581
Phone Number (608) 647-2450	Email		

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name Ron Anderson			
Consulting Firm METCO			
Street Address 709 Gillette Street, Suite #3	City La Crosse	State WI	ZIP Code 54603-2382
Phone Number (608) 781-8879	Email rona@metcohq.com		
Acres Ready For Use 0.5	Voluntary Party Liability Exemption Site? <input type="radio"/> Yes <input checked="" type="radio"/> No		

Fees and Mailing of Closure Request

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR regional Environmental Program Associate at <http://dnr.wi.gov/topic/Brownfields/Contact.html>. Check all fees that apply:

☒ \$750 Closure Fee

☒ \$200 GIS Registry Fee for Soil

☐ \$250 GIS Registry Fee for Groundwater Lost Well(s)

Total Amount of Payment \$ \$950.00

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as unbound, separate documents in the order and with the titles prescribed by this form. For electronic document submittal requirements, see <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

Site Summary

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.
The Robinson Property site, is located at 510 N. Grove Street, is bound by Miner Court to the west, W. 2nd Street to the south, N. Grove Street to the east, and a residence to the north. Asphalt, concrete, and manicured lawn covers the ground surface surrounding the residence. The surrounding properties are residential.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.
The subject property is currently, and has been historically used as a single family residence. A heating oil UST had previously been present at the site, however has since been removed.
- C. Describe how and when site contamination was discovered.
The heating oil UST existed on the property for approximately 44 years, until its removal on August 17, 1993. During the tank removal, one soil sample was collected from the UST bed (TR-1) for DRO analysis. The result of the soil sample showed a release had occurred from the UST, as the result showed 5,160 ppm DRO. The result was submitted to the WDNR, who subsequently required a Site Investigation be conducted.
- D. Describe the type(s) and source(s) or suspected source(s) of contamination.
The property has been impacted by petroleum contamination, which is most likely from the 1,250-gallon heating oil UST, which was removed in 1993.
- E. Other relevant site description information (or enter Not Applicable).
Not Applicable
- F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.
There has not been or currently are no other BRRTS activities at this property.
- G. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.
There are no other BRRTS activities immediately adjacent to this site.
- H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
METCO contacted the City of Richland Center regarding zoning for the site and the neighboring properties. The subject property and surrounding properties are zoned "R-1 - Single Family Residence".

2. General Site Conditions

- A. Soil/Geology
- Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
Local unconsolidated geologic materials in the area of the investigation generally consists of brown sandy silt/clay from the surface to at least 16 feet below ground surface (bgs).
 - Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill was not encountered during the site investigation.
 - Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.
Bedrock was not encountered, however Cambrian sandstone may exist as shallow as 20 feet bgs.
 - Describe the nature and locations of current surface cover(s) across the site (e.g. natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
The Robinson Property residence still exists on the site which covers a majority of the western portion of the property. The rest of the property is covered with a manicured lawn, except the driveway areas that are concrete and/or asphalt.
- B. Groundwater
- Discuss depth to groundwater and piezometric elevations.** Describe and explain depth variations, and whether free product affects measurement or water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.
Groundwater was not encountered during the investigation. Based on the local topography, groundwater is expected to exist at approximately 50-60 feet bgs, and groundwater flow direction is expected to be toward the east.

- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.
Based on the local topography, groundwater flow direction (shallow and deep) is expected to be toward the east.
- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.
Soil borings were not advanced to the watertable, since the geology at the watertable is not known, hydraulic conductivity, flow rate, and permeability are not known.
- iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.
No municipal or private potable wells are known to exist within a 1,200 foot radius of the site.

3. Site Investigation Summary

A. General

- i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

The subject property is a residential building that had one 1,250-gallon heating oil UST associated with it. The UST existed on the property for approximately 44 years, until its removal on August 17, 1993. During the tank removal, one soil sample was collected from the UST bed (TR-1) for DRO analysis. The result of the soil sample showed a release had occurred from the UST, as the showed 5,160 ppm DRO. The result was submitted to the WDNR, who subsequently required a Site Investigation be conducted. (Checklist for Underground Tank Closure - 1993, and SIR October 2013)

On July 14, 2005, Site Excavation, Inc. of Richland Center, Wisconsin, collected two soil samples from the former tank area. One sample was collected from the north end of the former tank bed (FO-NE) and one was collected from the south end (FO-SE) for DRO and PVOC analysis, but showed no laboratory detections. The depths at which the samples were collected is unknown as this was not documented. (Site Excavation, Inc. Analytical Report, 2005, and SIR October 2013)

On May 1, 2013, during the geoprobe project (#1), five geoprobe borings were completed with eighteen soil samples collected for field and/or laboratory analysis (PID, DRO, PVOC, Naphthalene, and/or PAH). (SIR October 2013)

On September 19, 2013, during the geoprobe project (#2), two geoprobe borings were completed with eight soil samples collected for field analysis (PID). Two of those soil samples were submitted for laboratory analysis (PAH). (SIR October 2013)

- ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.
Soil contamination does not extend beyond the property boundary.
- iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.
No structural impediments interfered with the completion of the site investigation.

B. Soil

- i. Describe degree and extent of **soil contamination** at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.

Approximately 0.10 cubic yards of in-situ soils exceeding ch. NR 720 Soil Cleanup Standards exists in the area of the soil plume, which appears to measure a circle of approximately 3 feet in diameter, and up to 1 foot thick (7 feet to 8 feet bgs). The soil contaminant plume exists near the bottom of the former UST.

The extent of the soil contamination does not appear to extend beneath any buildings or structures, and there are no utility corridors that are known to exist in the area of soil contamination.

- ii. Describe the level and types of **soil contaminants** found in the upper four feet of the soil column.
All soil samples collected in the upper four feet of the soil column, showed no laboratory detects for any contaminants of concern.

- iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site: for example, a Residual Contaminant Level (RCL) , a Site-Specific Residual Contaminant Level (SSRCL), or a Performance Standard as determined under ss NR 720.09, 720.11 and 720.19, Wis. Adm. Code. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/information in Attachment C.

The method used to establish the soil cleanup standards for this site were Residual Contaminant Levels. The property is zoned Residential, therefore the non-industrial standards were used.

C. Groundwater

- i. Describe degree and extent of groundwater contamination at or from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

Groundwater was not encountered at this site, therefore does not appear to be contaminated.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations.

No free product was encountered at this site.

D. Vapor

- i. Describe how the vapor migration pathway was assessed, including locations where vapor or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

No vapor samples were collected from the on-site building. Regarding vapor intrusion, soil contamination is limited to a very small area, from a soil sample collected in 1993 that exceeded NR720 standards for DRO. Soil contamination does not appear to extend up to or underneath the subject property's residence, and based on the fact that heating oil is the source of contamination, the risk of vapor intrusion from petroleum contamination appears unlikely at this time.

- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).

No indoor/sub slab vapor samples were collected.

E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

The nearest surface water is the Pine River, which exists approximately 375 feet to the east of the subject property. Due to the distance from the subject property, surface water and/or sediment were not sampled.

- ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.

No surface water and/or sediment samples were collected.

4. Remedial Actions Implemented and Residual Levels at Closure

- A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

No remedial activities occurred at this site.

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.

No immediate or interim actions occurred at this site.

- C. Describe the *active* remedial actions taken at the site, including: type of remedial system(s) used for each media impacted; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

No active remedial actions are/were taken at this site.

- D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.

Approximately 0.10 cubic yards of in-situ soils exceeding ch. NR 720 Soil Cleanup Standards exists in the area of the soil plume, which appears to measure a circle of approximately 3 feet in diameter, and up to 1 foot thick (7 feet to 8 feet bgs). The soil contaminant plume exists near the bottom of the former UST.

The extent of the soil contamination does not appear to extend beneath any buildings or structures, and there are no utility corridors that are known to exist in the area of soil contamination.

Bedrock was not encountered during the Site Investigation, and no soil samples showed any detects for contaminants within the top four feet of the soil column.

Groundwater is expected to exist at 50-60 feet bgs and is not likely to be contaminated.

No sub slab vapor issues appear to be a concern for the on-site building.

Residual soil contamination will only remain on site, near the bottom of the former UST bed.

- E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds the ch. NR720, Wis. Adm. Code, standard(s) for direct contact.
- None of the soil samples collected within the top 4 feet of the ground surface exceeded any NR720 Soil Cleanup Standards.

- F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.
- Soil contamination that remains in the vadose zone above the NR720 Soil Cleanup Standards has only been exceeded in soil sample TR-1.

- G. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.

Residual soil contamination will be addressed via natural attenuation.

- H. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration, (e.g. stable or receding groundwater plume).
- Groundwater was not encountered during the Site Investigation, and borings to 16 feet bgs showed no laboratory detects for any contaminants of concern. Based on the limited extent of soil contamination, natural attention appears to be an effective method in reducing contaminant mass and concentration.

- I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.
- No active remedial actions are/were taken at this site. Exposure pathways will be addressed via natural attenuation.

- J. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.
- No system hardware is anticipated to be left in place after site closure.

- K. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
- Groundwater is expected to exist at 50-60 feet bgs and is not likely to be contaminated.

- L. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
- No indoor/sub slab vapor samples were collected.

- M. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
- No surface water and/or sediment samples were collected.

5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.

Directions: Check all that apply to this case closure request:

This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing
A. On-Site	B. Off-Site			
i. <input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Direct Contact	✓	✓
ii. <input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii. <input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure passive system	✓	✓
iv. <input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure active system	✓	✓
v. <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA	NA

6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.

Directions: Check all that apply to this case closure request:

This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing
A. On-Site	B. Off-Site		
i. <input checked="" type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii. <input type="checkbox"/>	<input type="checkbox"/>	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii. <input type="checkbox"/>	<input type="checkbox"/>	Monitoring wells: lost, transferred or remaining in use	✓
iv. <input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment (not as a performance standard)	✓
v. <input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi. <input type="checkbox"/>	<input type="checkbox"/>	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii. <input type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA

7. Underground Storage Tanks

- A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? ☐ Yes ☒ No
- B. Do any upgraded tanks meeting the requirements of ch. SPS 310, Wis. Adm. Code, exist on the property? ☐ Yes ☒ No
- C. If the answer to question 7b is yes, is the leak detection system currently being monitored? ☐ Yes ☐ No

Data Tables (Attachment A)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General directions for Data Tables:

- Use bold and italics font on information of importance on tables and figures. Use **bold font** for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)).
- Include the units on data tables.

- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3, Wis. Adm. Code, in the format required in s. NR 716.15(2)(h)3, Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate PDF.

A. Data Tables

- A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates, for all groundwater sampling points e.g. monitoring wells, temporary wells, sumps, extraction wells, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.
- A.2. **Pre-remedial Soil Analytical Table(s):** Table(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).
- A.5. **Vapor Analytical Table:** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.6. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, time period for sample collection, method and results sampling.
- A.7. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.8. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps and Figures (Attachment B)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions for all Maps and Figures:

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11x17 inches, in a portable document format (pdf) readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d, Wis Adm. Code.
- Do not use shading or highlights on any of the analytical tables.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.

B.1. Location Maps

- B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all impacted and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for on-site and applicable off-site properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels

(SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code.

- B.1.c. **RR Site Map:** From RR Sites Map (<http://dnrmaps.wi.gov/imf/imf.jsp?site=brts2>) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

- B.2.a. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) or a Site-Specific Residual Contaminant Level (SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code.
- B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site-Specific Residual Contaminant Level (SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.
- B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site-Specific Residual Level (SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Admin. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.3. Groundwater Figures

- B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:
- Source location(s) and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
 - Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES)
 - Surface features, including buildings and basements, and show surface elevation changes.
 - Any areas of active remediation within the cross section path, such as excavations or treatment zones.
 - Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1b)
- B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, Preventive Action Limit (PAL) and/or an Enforcement Standard (ES). Indicate the date and direction of groundwater flow based on the most recent sampling data.
- B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.
- B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been previously abandoned.

B.4. Vapor Maps and Other Media

- B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway, in relation to remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.
- B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.
- B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank)

Documentation of Remedial Action (Attachment C)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc).
- If the documentation requested below is "not applicable" to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for

that particular document requested.

- C.1. **Site investigation documentation**, that has not otherwise been previously submitted.
- C.2. **Investigative waste** disposal documentation.
- C.3. **NR 720.19 analysis**, assumptions and calculations for site specific RCLs (SSRCLs) , with justification, including EPA Soil Screening Level Model Calculations and results.
- C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.
- C.5. **Decommissioning of Remedial Systems**. Include plans to properly abandon any systems or equipment upon receiving conditional closure.
- C.6. **Photos**. For sites or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system. Include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.
- C.7. **Other**. Include any other relevant documentation not otherwise noted above. (This section may remain blank)

Maintenance Plan(s) (Attachment D)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

When one or more "maintenance plans" are required for a site closure, include in each maintenance plan all required information in sections D.1. through D.5. below, and attach the plan(s) in Attachment D. The following "model" maintenance plans can be located at: (1) Maintenance plan for a engineering control or cover: <http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf>; and (2) Maintenance plan for vapor intrusion: http://dnr.wi.gov/topic/Brownfields/documents/appendix5_606.pdf.

- D.1. **Location map(s)** which show(s): (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) and all property boundaries.
- D.2. **Brief descriptions** of the type, depth and location of residual contamination.
- D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.
- D.5. **Contact information**, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

Monitoring Well Information (Attachment E)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

Attach monitoring well construction and development forms (DNR FORM 4400-113 A and B:

http://dnr.wi.gov/org/water/dwg/gw/forms/4400_113_1_2.pdf) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

Select One:

- ☒ No monitoring wells were required as part of this response action.
- ☐ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- ☐ **Select One or More:**
 - ☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include description of efforts made to locate the "lost" wells.
 - ☐ One or more wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s).
 - ☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason(s) the well(s) will remain in use.

Notifications to Owners of Impacted Properties (Attachment F)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned.
- A model "template letter" for these mandatory notifications can be downloaded at: <http://dnr.wi.gov/files/PDF/pubs/rr/RR919.pdf>.

Check all that apply to the site-specific circumstances of this case closure:

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industrial land use soil standards were used for the clean-up standard.
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor assessment needed if use changes.
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural impediment.
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lost, transferred or open monitoring wells.
9.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 0 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

Source Legal Documents (Attachment G)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

- G.1. **Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- G.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (Lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
- G.3. **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- G.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Signatures and Findings for Closure Determination

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Check the correct signature block below for this case closure request, and have the proper environmental professional(s) sign this document, in accordance with the ch. NR 700 Wis. Adm. Code rule series. Both boxes may be checked if applicable to this case closure.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies). In this situation, the closure request must be prepared by, or under the supervision of, a professional engineer and a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code. Include both signatures provided below with the submittal.

☐ The response action(s) for this site addresses media other than groundwater. In this situation, the case closure request must be prepared by, or under the supervision of, a professional engineer, as defined in ch. NR 712, Wis. Adm. Code. The "engineering certification" language below, at a minimum, must be signed.

Engineering Certification

I _____ hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. All phases of work necessary to obtain data, develop conclusions, recommendations and prepare submittals for this case closure request have been prepared by me, or their preparation has been supervised by me. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name

Title

Signature

Date

P.E. Stamp and Number

Hydrogeologist Certification

I Ron Anderson hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. All phases of work necessary to address groundwater contamination including obtaining data, developing conclusions, recommendations and preparing submittals for this case closure request have been prepared by me, or their preparation has been supervised by me. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Ron Anderson

Printed Name

Sr. Hydrogeologist

Title

[Signature]

Signature

10/30/13

Date

Table of Contents

WDNR Case Summary and Case Closure – GIS Registry Form

Attachment A/Data Tables

Attachment B/Maps and Figures

Attachment C/Documentation of Remedial Action

Attachment D/Maintenance Plan

Attachment E/Monitoring Well Information

Attachment F/Notification to Owners of Impacted Properties

Attachment G/Source Legal Documents

A.1. Groundwater Analytical Table

Groundwater was not encountered during the Site Investigation, therefore groundwater samples were not collected.

A.2. Pre-remedial Soil Analytical Table
Robinson Property LUST Site BRRT's# 03-53-002060

Sample ID	Depth (feet)	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
TR-1	?	08/20/93	NM	NS	5160	NS	NS	NS	NS	NS	NS	NS	NS	NS
FO-NE	?	07/14/05	NM	NS	<4.7	NS	<25	<25	<25	<25	<25	<25	<25	<75
FO-SE	?	07/14/05	NM	NS	<4.4	NS	<25	<25	<25	<25	<25	<25	<25	<75
G-1-1	3.5	05/01/13	20	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-1-2	8.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-1-3	12.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-1-4	16.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-2-1	3.5	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-2-2	8.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-2-3	12.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-2-4	16.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-3-1	3.5	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-3-2	8.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-3-3	12.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-3-4	16.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-4-1	3.5	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-4-2	8.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-4-3	12.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-5-1	3.5	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-5-2	8.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
G-5-3	12.0	05/01/13	0	NS	<10	NS	<25	<25	<25	<25	<25	<25	<25	<50
NR720				50	100	100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	---	---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	---	---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance

Bold/Underline = NR746 Exceedance

NS = Not Sampled NM = Not Measured

NS = Not Sampled

(ppb) = parts per billion

(ppm) = parts per million

DRO = Diesel Range Organics

VOC's = Volatile Organic Compounds

GRO = Gasoline Range Organics

PID = Photoionization Detector

All samples were collected above the watertable (unsaturated)

A.3. Post-remedial Soil Analytical Table

No remedial activities occurred at this site.

A.4. Pre and Post Remaining Soil Contamination Soil Analytical Table
Robinson Property LUST Site BRRT's# 03-53-002060

Sample ID	Depth (feet)	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
TR-1	?	08/20/93	NM	NS	5160	NS	NS	NS	NS	NS	NS	NS	NS	NS
NR720				50	100	100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	---	---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	---	---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance

Bold/Underline = NR746 Exceedance

NS = Not Sampled NM = Not Measured

NS = Not Sampled

(ppb) = parts per billion

(ppm) = parts per million

DRO = Diesel Range Organics

VOC's = Volatile Organic Compounds

GRO = Gasoline Range Organics

PID = Photoionization Detector

A.5. Vapor Analytical Table

No vapor samples were collected from the on-site building. Regarding vapor intrusion, soil contamination is limited to a very small area, from a soil sample collected in 1993 that exceeded NR720 standards for DRO. Soil contamination does not appear to extend up to or underneath the subject property's residence, and based on the fact that heating oil is the source of contamination, the risk of vapor intrusion from petroleum contamination appears unlikely at this time.

A.6. Other Media of Concern

Due to the distance to the nearest surface water (375 feet east), no samples were collected for analysis from surface waters or sediment.

A.7. Water Level Elevations

Monitoring wells were not installed during the Site Investigation, therefore, no water level elevations were collected.

A.8. Other

Monitoring wells and/or remedial system(s) were not installed during the Site Investigation, therefore, no data is relevant for this attachment.

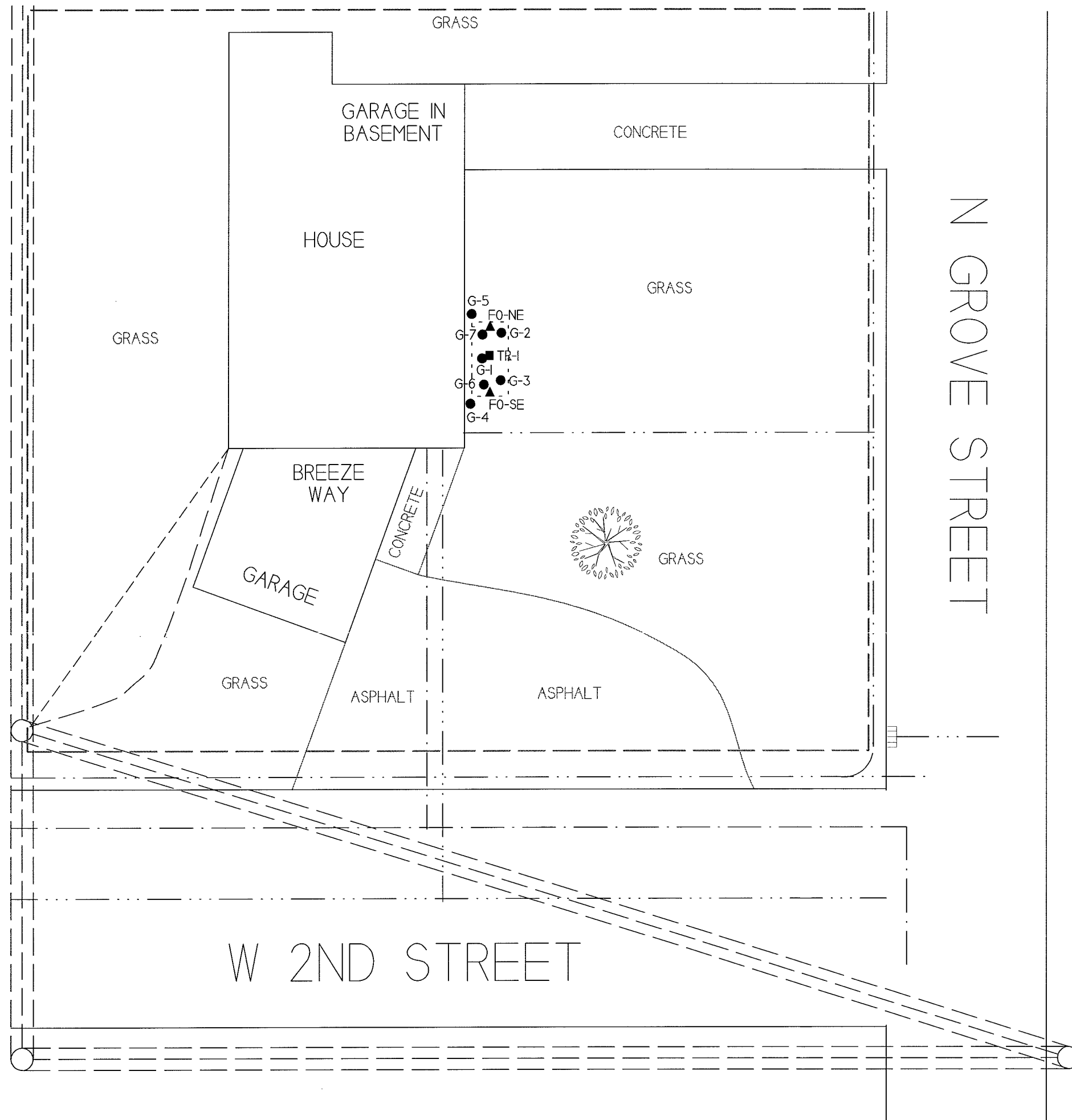
This topographic map of Richland Center, Wisconsin, includes the following details:

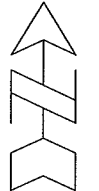

- Geographic Features:** Robinson Property, U of Wis Center, Krouskop Park, Golf Course, Sandott, and various creeks.
- Infrastructure:** A grid of streets including 1st, 5th, 16th, 17th, 20th, and 21st. Key landmarks include a hospital, high school, and cemetery.
- Topography:** Contour lines indicating elevations of 800, 1000, and 1200 feet.
- Coordinates:** The map is bounded by latitudes 43°20,000' N and 43°21,000' N, and longitudes 89°20,000' W and 89°21,000' W.

TN★
MN
2°

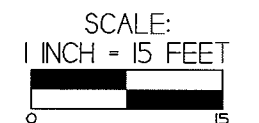
B.1.a LOCATION MAP
CONTOUR INTERVAL 20 FEET
ROBINSON PROPERTY – RICHLAND CENTER, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

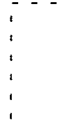
METCO
Environmental Consulting, Fuel System Design, Installation and Service
















B.I.b. DETAILED SITE MAP ROBINSON PROPERTY		
 709 Gillette St. Ste 3 La Crosse, WI 54601 Tel: (608) 781-8879 Fax: (608) 781-8893 <small>Excellence through experience</small>	RICHLAND CENTER, WISCONSIN DRAWN BY: MM DATE: 05/28/2013	

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER



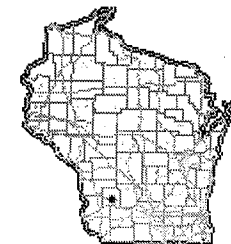
 - LOCATION OF FORMER UST (HEATING OIL - 1,250 GALLON)

-  - APPROXIMATE LOCATION OF TANK REMOVAL SAMPLE (8/20/1993)
-  - SOIL SAMPLE LOCATIONS (SITE EXCAVATION, INC. - 7/14/2005)
-  - GEOPROBE BORING LOCATIONS
-  - STORM DRAIN
-  - UTILITY POLE
-  - TREE

- APPROXIMATE PROPERTY BOUNDARY

- GAS LINE

- WATER LINE

- SEWER LINE

- OVERHEAD TELEPHONE LINE

- BURIED ELECTRICAL

- OVERHEAD LINES




B.1.c. RR Site Map



Legend

- ◆ Open Site (ongoing cleanup)
- Open Site Boundary
- ◇ Closed Site (completed cleanup)
- ▨ Closed Site Boundary
- ✈ Airport
- 2010 Air Photos (WROC)
- Cities
- Villages

0.5 0 0.27 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

© Latitude Geographics Group Ltd.

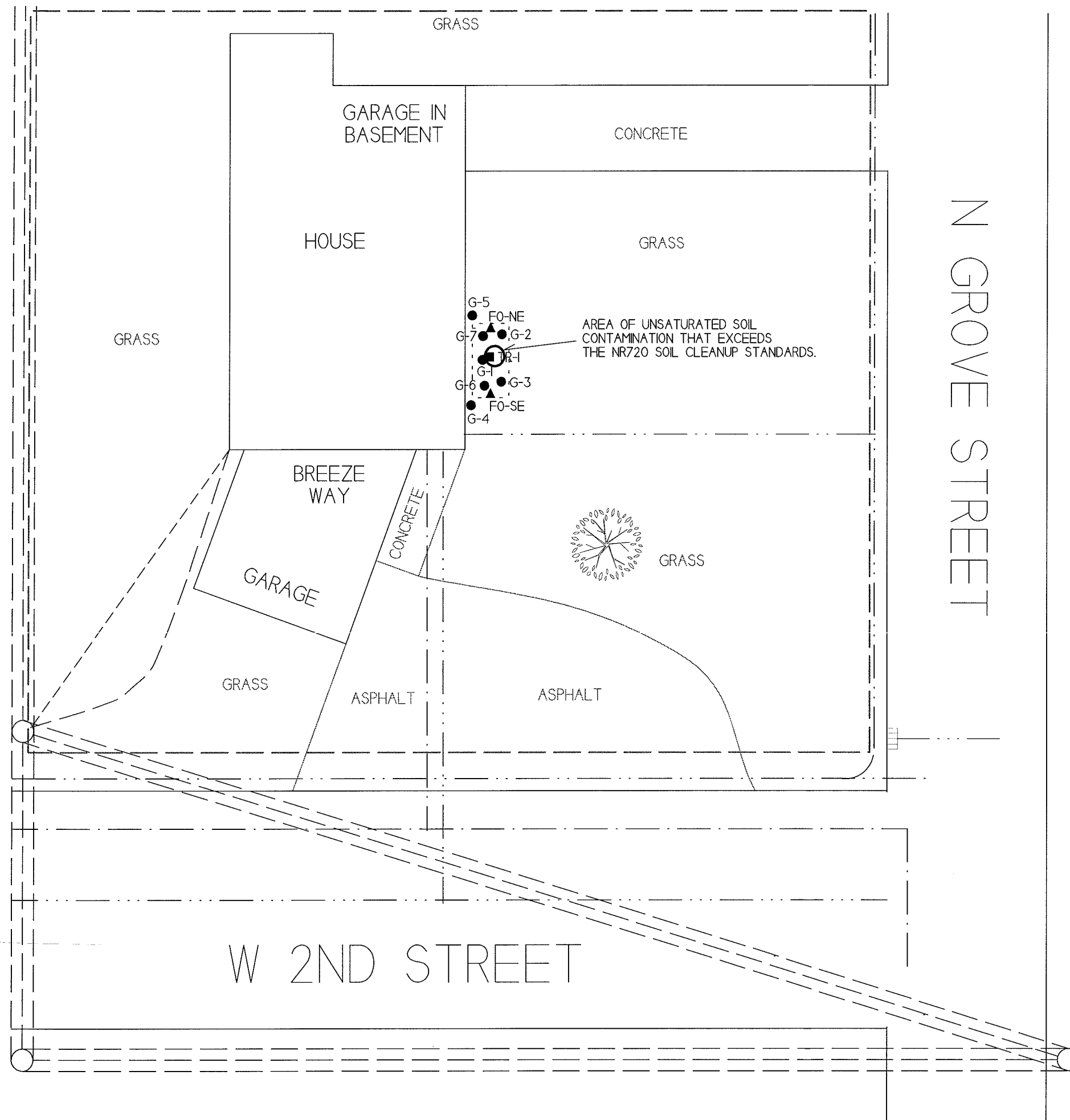
1: 17,048



DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>


Note: Not all sites are mapped.

Notes



B.2.d. PRE-REMEDIAL
SOIL CONTAMINATION

ROBINSON PROPERTY




709 Gillette St. Ste 3
Lg Crosse, WI 54601
Tel: (608) 781-8879
Fax: (608) 781-8893

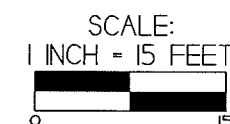
Excellence through experienceSM


RICHLAND CENTER,
WISCONSIN







DRAWN BY: MM
DATE: 05/28/2013



NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER



 = LOCATION OF FORMER UST
(HEATING OIL - 1,250 GALLON)

-  = APPROXIMATE LOCATION OF TANK REMOVAL SAMPLE (8/20/1993)
-  = SOIL SAMPLE LOCATIONS (SITE EXCAVATION, INC. - 7/14/2005)
-  = GEOPROBE BORING LOCATIONS
-  = STORM DRAIN
-  = UTILITY POLE
-  = TREE

- APPROXIMATE PROPERTY BOUNDARY

- GAS LINE

- WATER LINE

- SEWER LINE

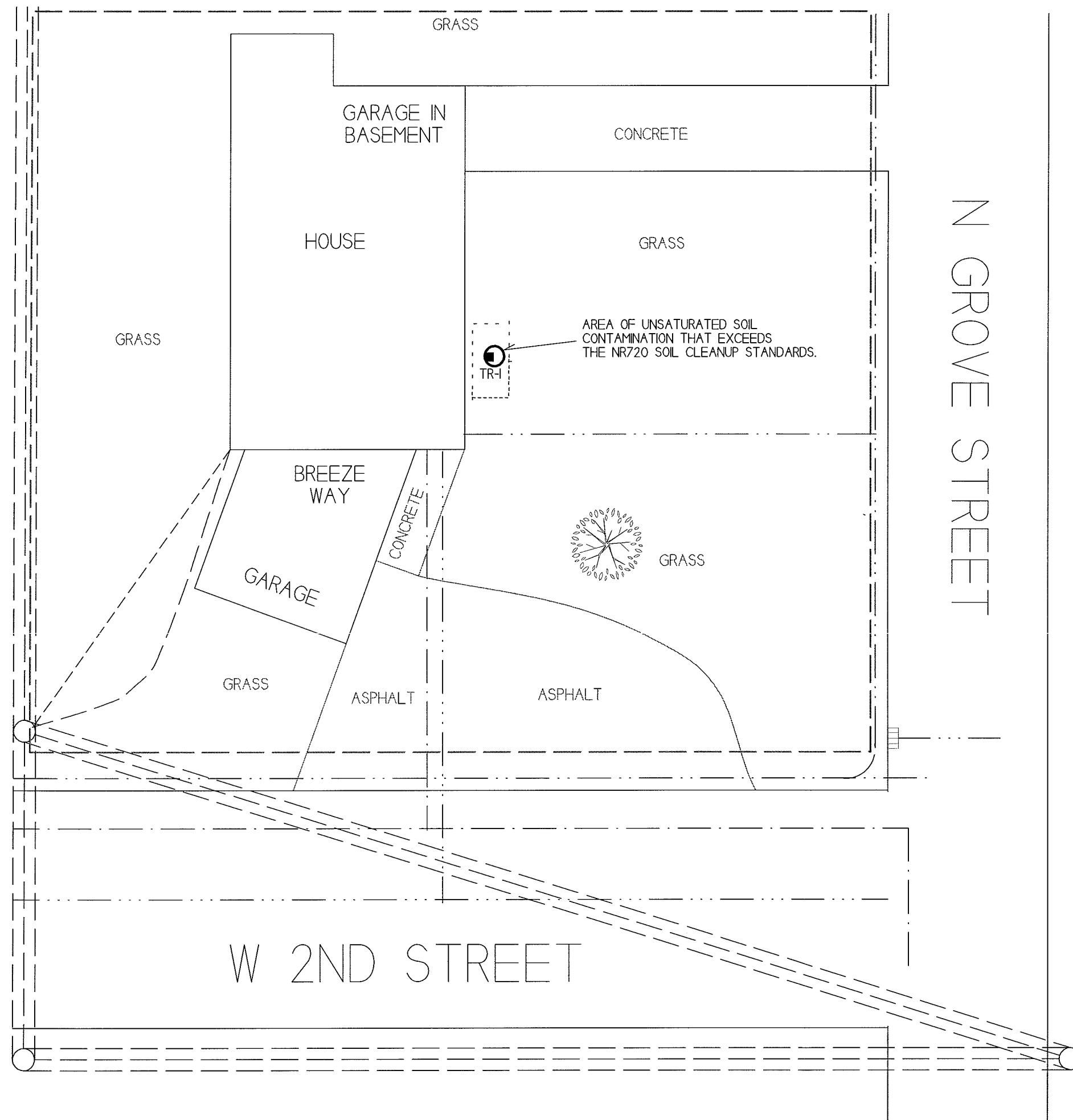
- OVERHEAD TELEPHONE LINE


- BURIED ELECTRICAL

- OVERHEAD LINES
=====

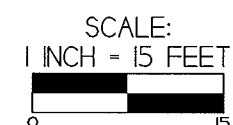
B.2.b. Post-remedial Soil Contamination








No remedial activities occurred at this site.



B.2.c. PRE/POST REMAINING SOIL CONTAMINATION	
ROBINSON PROPERTY	
 709 Gillette St. Ste 3 La Crosse, WI 54601 Tel: (608) 781-8879 Fax: (608) 781-8893 <small>Excellence through experience</small>	RICHLAND CENTER, WISCONSIN DRAWN BY: MM DATE: 05/28/2013

NOTE: INFORMATION BASED ON AVAILABLE
DATA. ACTUAL CONDITIONS MAY DIFFER



-  = LOCATION OF FORMER UST
(HEATING OIL - 1,250 GALLON)
-  = APPROXIMATE LOCATION OF TANK REMOVAL SAMPLE (8/20/1993)
-  = SOIL SAMPLE LOCATIONS (SITE EXCAVATION, INC. - 7/14/2005)
-  = GEOPROBE BORING LOCATIONS
-  = STORM DRAIN
-  = UTILITY POLE
-  = TREE
- APPROXIMATE PROPERTY BOUNDARY

- GAS LINE

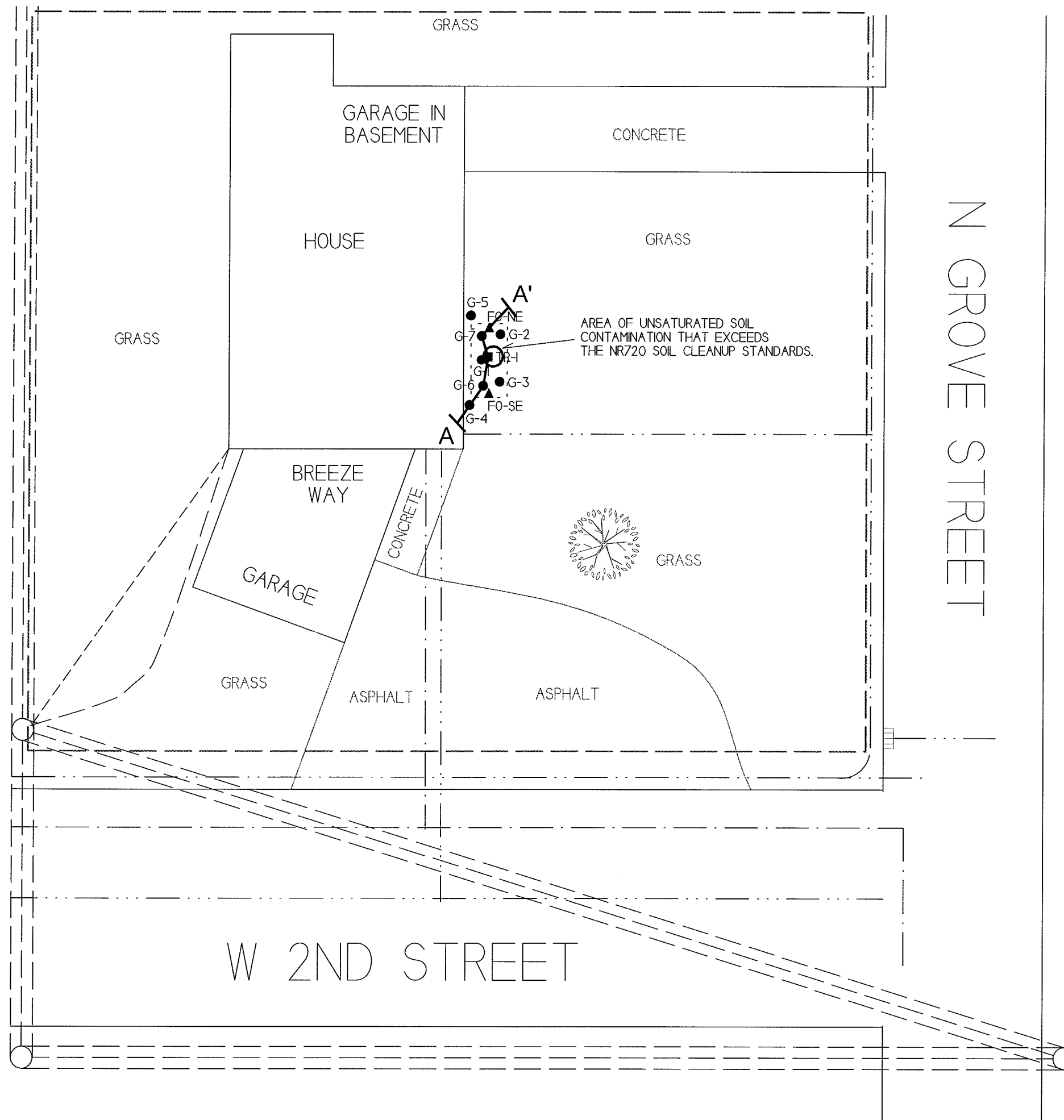
- WATER LINE

- SEWER LINE

- OVERHEAD TELEPHONE LINE

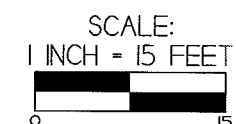
- BURIED ELECTRICAL

- OVERHEAD LINES
=====



<p>B.3.a. GEOLOGIC CROSS-SECTION FIGURE ROBINSON PROPERTY</p>		
<p>METCO 709 Gillette St. Ste 3 La Crosse, WI 54601 Tel: (608) 781-8879 Fax: (608) 781-8893 <i>Excellence through experience™</i></p>	<p>RICHLAND CENTER, WISCONSIN</p> <p>DRAWN BY: MM DATE: 05/28/2013</p>	

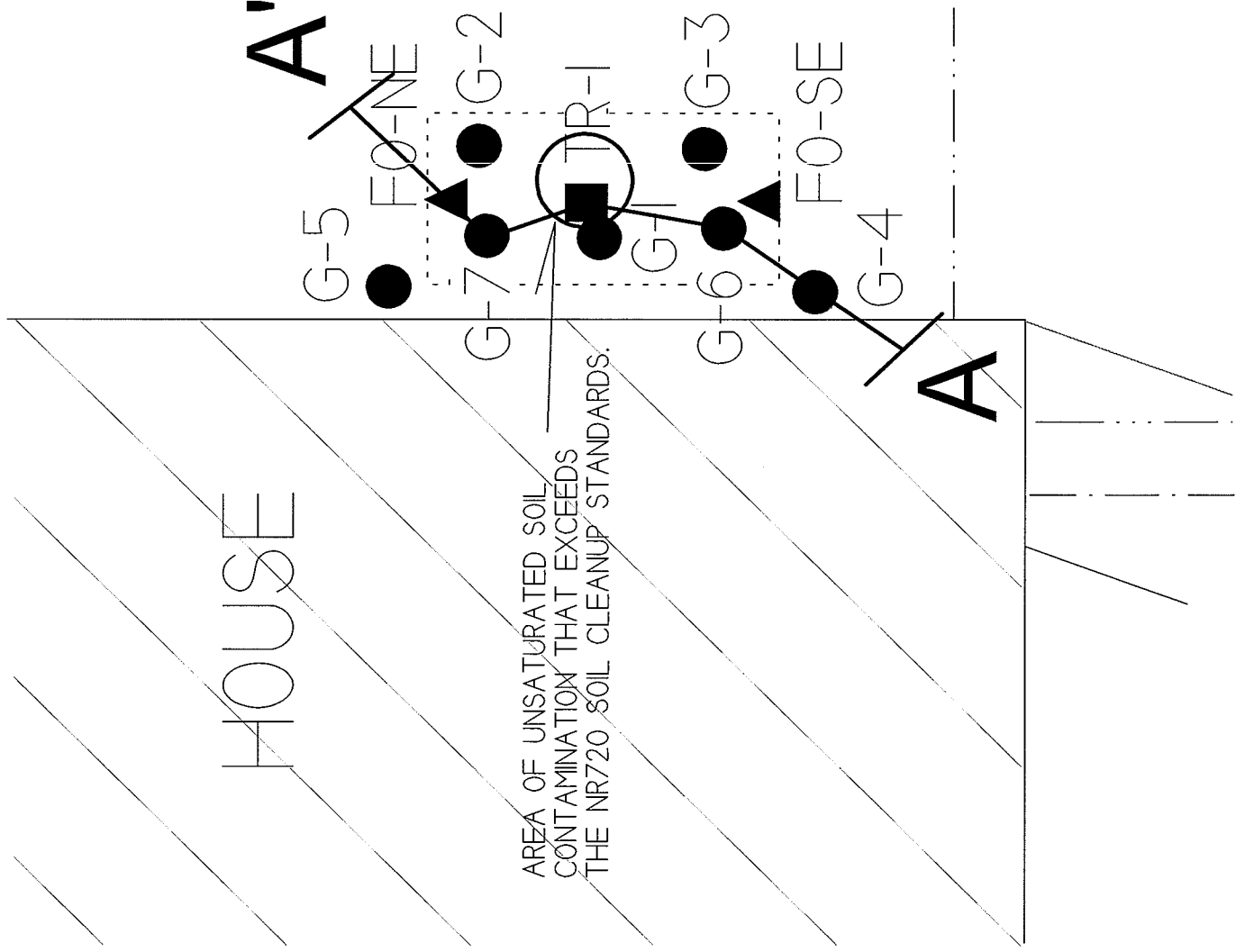
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER





- LOCATION OF FORMER UST
(HEATING OIL - 1,250 GALLON)

- - APPROXIMATE LOCATION OF TANK REMOVAL SAMPLE (8/20/1993)
- ▲ - SOIL SAMPLE LOCATIONS (SITE EXCAVATION, INC. - 7/14/2005)
- - GEOPROBE BORING LOCATIONS
- ▤ - STORM DRAIN
- - UTILITY POLE
- 🌳 - TREE


- APPROXIMATE PROPERTY BOUNDARY
- GAS LINE
- WATER LINE
- SEWER LINE
- OVERHEAD TELEPHONE LINE
- BURIED ELECTRICAL
- OVERHEAD LINES



B.3.a. GEOLOGIC CROSS-SECTION FIGURE		 709 Gillette St. Ste. 3 La Crosse, WI 54601 Tel: (608) 781-8879 Fax: (608) 781-8893 <i>Excellence through experience</i>		RICHLAND CENTER, WISCONSIN DRAWN BY: MM DATE: 05/28/2013		
ROBINSON PROPERTY						

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 5 FEET

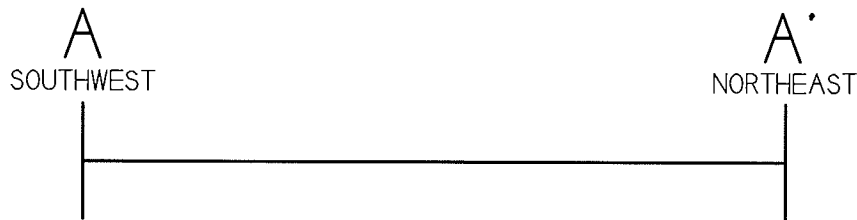


 - LOCATION OF FORMER UST
 (HEATING OIL - 1,250 GALLON)

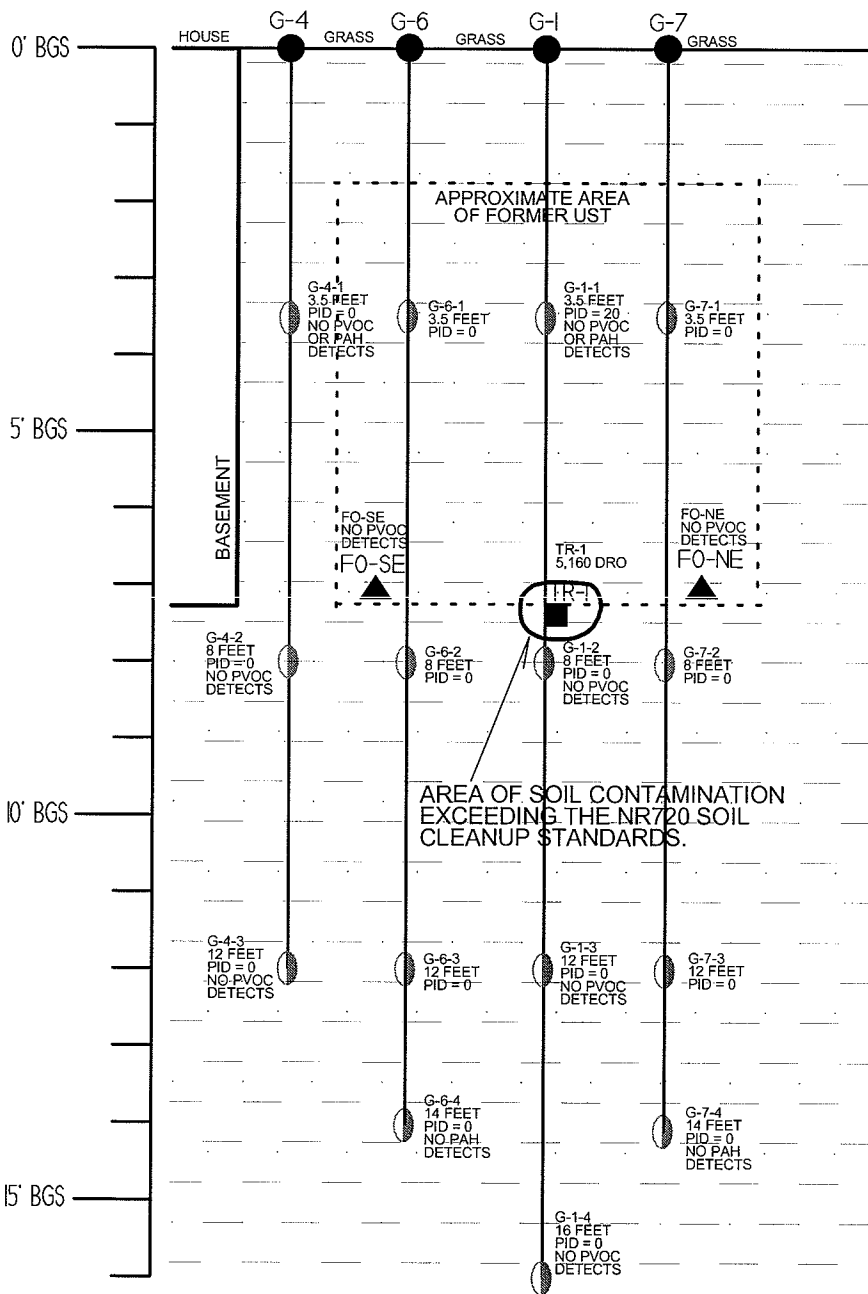
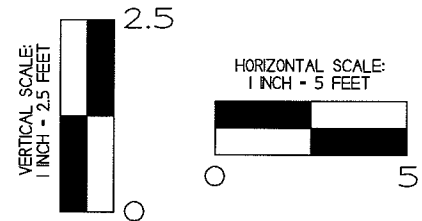
- - APPROXIMATE LOCATION OF TANK REMOVAL SAMPLE (8/20/1993)
- ▲ - SOIL SAMPLE LOCATIONS (SITE EXCAVATION, INC. - 7/14/2005)
- - GEOPROBE BORING LOCATIONS

 - TREE

GAS LINE _____
 WATER LINE _____
 SEWER LINE _____



B.3.a. GEOLOGIC CROSS-SECTION FIGURE	
ROBINSON PROPERTY	
 709 Gillette St., Ste. 3 La Crosse, WI 54603 Tel: (608) 781-8879 Fax: (608) 781-8893	RICHLAND CENTER, WISCONSIN DRAWN BY: BW DATE: 10/26/13



INFORMATION BASED ON AVAILABLE DATA.
ACTUAL CONDITIONS MAY DIFFER.

SOIL SAMPLE RESULTS FOR DRO ARE
PRESENTED IN PARTS PER MILLION (PPM).

SOIL SAMPLE RESULTS FOR PVOC ARE
PRESENTED IN PARTS PER BILLION (PPB).

NOTE: SOIL SAMPLE DATA IS BASED ON
LABORATORY RESULTS FROM SAMPLES
COLLECTED DURING THE FOLLOWING EVENTS:
- TANK REMOVAL PROJECT (8/20/1993)
- TANK SAMPLE PROJECT (7/14/2005)
- GEOPROBE PROJECTS (5/1/2013 & 9/19/2013)

NOTE: SOIL SAMPLES COLLECTED FROM
THE TANK REMOVAL AND THE PROJECT
IN 2005 ARE APPROXIMATE AS ACTUAL
DEPTHS WERE NOT DOCUMENTED.

PID - PHOTO IONIZATION DETECTOR
DRO - DIESEL RANGE ORGANICS
PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
PAH - POLYNUCLEAR AROMATIC HYDROCARBONS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
X - XYLENE

- - TANK REMOVAL SAMPLE LOCATION
- ▲ - TANK AREA SAMPLE LOCATION (7/14/2005)
- - GEOPROBE BORING SAMPLE LOCATION (METCO)
- - SOIL SAMPLE LOCATION

BROWN SANDY SILT/CLAY
TO SANDY CLAY

B.3.b. Groundwater Isoconcentration

Groundwater was not encountered during the Site Investigation, therefore groundwater samples were not collected.

B.3.c. Groundwater Flow Direction

Monitoring wells were not installed for this site.

B.3.d. Monitoring Wells

Monitoring wells were not installed for this site.

B.4.a. Vapor Intrusion Map

No vapor samples were collected from the on-site building. Regarding vapor intrusion, soil contamination is limited to a very small area, from a soil sample collected in 1993 that exceeded NR720 standards for DRO. Soil contamination does not appear to extend up to or underneath the subject property's residence, and based on the fact that heating oil is the source of contamination, the risk of vapor intrusion from petroleum contamination appears unlikely at this time.

B.4.b. Other Media of Concern

Due to the distance to the nearest surface water (375 feet east), no samples were collected for analysis from surface waters or sediment.

Documentation of Remedial Action (Attachment C)

DISCLAIMER

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at dnr.wi.gov/topic/Brownfields/Contact.html



D.1. Location Map

A maintenance plan is not required for this site.

D.2. Brief descriptions

A maintenance plan is not required for this site.

D.3. Description of maintenance action

A maintenance plan is not required for this site.

D.4. Inspection Log

A maintenance plan is not required for this site.

D.5. Contact information

A maintenance plan is not required for this site.

Monitoring Well Information

No monitoring wells were required as part of this response action.

Attachment F/Notification to Owners of Impacted Properties

Notification to Owners of Impacted Properties

Residual contamination does not extend beyond the source property boundary.

Attachment G/Source Legal Documents

6.1. Deeds - Source Property

300492

Document Number

NOTICE OF LIEN
§101.143(4)(ee), Stats.

Title of Document

VOL 599 PAGE 32

RECORDED

AT 8:30 O'CLOCK a - M

JAN 14 2013

VOL 599 OF RECORDS PAGE 32

REGISTER OF DEEDS

RICHLAND COUNTY, WISCONSIN
By: Susan Snuggs

As provided by §101.143(4)(ee), Stats., the Department of Safety and Professional Services (department) has granted a waiver of the deductible due from the owner of property eligible for reimbursement of petroleum cleanup costs under the Petroleum Environmental Cleanup Fund Act (PECFA) to Edward Pulvermacher and Colleen Pulvermacher, husband and wife, as survivorship marital property, owners of the following property:

Lots No. Twelve (12) and Thirteen (13) In Block No. Two (2) of the West Side Addition to the City of Richland Center, Richland County, Wisconsin.

Record this record with the Register of Deeds.

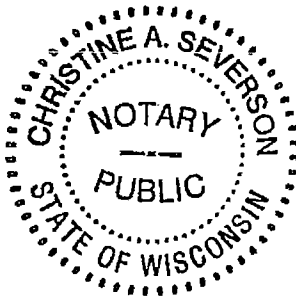
Name and return address:

Tanya Herranz
PECFA Program Specialist
Division of Industry Services
PO Box 7838
Madison WI 53707-7838
Phone (608) 266-6796

Tax Parcel: #

The deductible amount waived by the department is *One Thousand Eight Hundred Seventy Five dollars (\$1,875.00)*. The property remains subject to this lien until the deductible is paid in full to the Department. No interest is recoverable on this lien.

The department certifies that to the best of its knowledge and belief, all information contained in this Notice of Lien is correct, and this lien represents a legal encumbrance upon the property. Based on the above information, the department claims a lien on all the interest, which the Owner(s) have in the above-described property.



Department of Safety and Professional Services

By:

Tanya Herranz
Tanya Herranz, PECFA Program Specialist
Division of Industry Services

AUTHENTICATION OF ACKNOWLEDGMENT

The above named person was sworn to before me this 30th day of October, 2012.

Christine A. Severson
Christine A. Severson, Notary Public
State of Wisconsin, County of Dane
My Commission expires October 12th, 2014.

08V130387

This document was drafted & approved by:

State of Wisconsin
Department of Safety and Professional Services
PO Box 7970
Madison WI 53707-7970

G.3 Verification of Zoning

On October 28, 2013, METCO contacted the City of Richland Center regarding zoning at the Robinson Property, along with surrounding properties. The subject property and surrounding properties are zoned "G-1/R-1 – Single Family Residential”.



2013 Property Record | Richland County, WI

Assessed values not finalized until after Board of Review
Property information is valid as of OCT 27 2013 11:08PM

OWNER

EDWARD & COLLEEN PULVERMACHER

ADDRESS

EDWARD & COLLEEN PULVERMACHER
510 N GROVE ST
RICHLAND CENTER, WI 53581

CO-OWNER(S)

PROPERTY INFORMATION

Parcel ID: 276-1744-2120

Alternate ID:

School Districts:

RICHLAND SCHOOL DISTRICT

Other Districts:

SOUTHWEST WIS TECH COLL

<u>Section</u>	<u>Town</u>	<u>Range</u>	<u>Qtr</u>	<u>Qtr</u>	<u>Section</u>	<u>Qtr</u>	<u>Section</u>
17	10N	01E					

Lot:

Block:

Plat Name

N/A

PROPERTY DESCRIPTION

WEST SIDE ADD. BLOCK 2 LOTS 12 & 13

Property Address:

510 N GROVE ST

Municipality:

CITY OF RICHLAND CENTER

DEED INFORMATION

<u>Volume</u>	<u>Page</u>	<u>Document #</u>
M		
261	323	
264	711	

TAX INFORMATION

Net Tax Before Credits:

.00

Lottery Credit:

.00

First Dollar Credit:

.00

Net Tax After:

.00

	<u>Amt. Due</u>	<u>Amt. Paid</u>	<u>Balance</u>
Tax	.00	.00	.00
Special Assmnt	.00	.00	.00
Special Chrg	.00	.00	.00
Delinquent Chrg	.00	.00	.00
Private Forest	.00	.00	.00
Woodland Tax	.00	.00	.00
Managed Forest	.00	.00	.00
Prop. Tax Interest		.00	.00
Spec. Tax Interest		.00	.00
Prop. Tax Penalty		.00	.00
Spec. Tax Penalty		.00	.00
Other Charges	.00	.00	.00
TOTAL	.00	.00	.00
Over-Payment		.00	

LAND VALUATION

Valuation Date:

20120709

<u>Code</u>	<u>Acres</u>	<u>Land Value</u>	<u>Improvements</u>	<u>Total</u>
G1	.266	16,700	111,600	128,300
	.266	16,700	111,600	128,300

Total Acres:

0.000

Assessment Ratio:

.0000

Mill Rate:

0.000000000

Fair Market Value:

0.00

INSTALLMENTS

<u>Period</u>	<u>End Date</u>	<u>Amount</u>
---------------	-----------------	---------------

PAYMENT HISTORY (POSTED PAYMENTS)

<u>Date</u>	<u>Receipt #</u>	<u>Source</u>	<u>Type</u>	<u>Amount</u>	<u>Tax Status</u>	<u>Assess. Status</u>	<u>Interest</u>	<u>Penalty</u>	<u>Total</u>
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G.3. Verification of Zoning

G.4. Signed Statement

WDNR BRRTS Case #: 03-53-002060

WDNR Site Name: Robinson Property

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

EDWARD PULVERMACHER / PROPERTY OWNER
(print name/title)

 10-14-13
(signature) (date)